

Math Review + Test Prep = University Success!



What are the goals of this course?

- To give you the confidence necessary to do your best in pursuing your education and career, especially if that includes an English-taught university and a mathematically rigorous field.
- To review beginning and intermediate algebra concepts (content from USU courses Math 990–1010)
- To teach the English terms of the language of math (vocabulary, notation, word problems)
- To develop strategies for productive studying and confident test-taking (online resources, practice tests)

How should I behave?

To maintain a positive learning environment, you will follow these rules:

- #1 Follow all directions of the teacher promptly (including all Global Academy policies)
- #2 Respect others' personal space, belongings, ideas, values, emotions, and English/math proficiency
- #3 Be early – Be prepared – Be focused – Be positive

Attendance Policy:

If you are more than three minutes late, I will mark you tardy on the inside of your nametag.

If you enter class after you've been marked tardy, you must retrieve your nametag from me.

If you miss more than 30 minutes of a class period, you may be reported to the program administration.

If you miss more than two full class periods, you will be reported to the program administration.

What can I expect on a typical class day?

- 1:00 *Mental Treadmill* – mathematical questions/challenges to discuss and solve with your table
- 1:20 *Math* – develop understanding of new math concepts with discussion, examples, and activities
- 2:00 *Game/Break* – move around, go to bathroom/drink, engage in fun math-language activity
- 2:10 *Math* – develop understanding of new math concepts with discussion, examples, and activities
- 2:45 *Outsmarting the Test* – create multiple-choice answers to review and improve test-taking skills

What about homework, textbooks, exams, grades?

All learning materials will be provided for you either in-class or online.

Bring a sharpened pencil and notebook paper to class. A calculator is encouraged; a laptop is discouraged.

Program/class announcements, suggested online resources, extra handouts, etc. are found at the following

Class Website: < <http://what-a-wonderful-world-with-mr-bennion.wikispaces.com/> >

Since this class is part of the Global Academy program, no points or grades will be awarded – just learning!

There may be periodic quizzes to assess your proficiency and help the instructor monitor class progress.

Suggested outside-of-class efforts:

- 30 minutes to 1 hour of focused study time each day of class to produce a bilingual algebra study guide
 - Example problems solved step-by-step with English and native language explanations
- One study session over the weekend (Fri-Sun) to review, take practice exam, or explore other concepts

Where can I get extra help?

Studying with your classmates is your best resource!

Please come into the classroom early to ask questions. Brief questions can also be answered after class.

Global Academy tutoring sessions every Tuesday and Wednesday evening from 7:00–9:00 pm in BUS 116

The Math/Stats tutoring center – weekdays after class until 5:00 pm (until July 18th, Wed. of second week)

What about the excursions?

- Excursion 1 – Day in Salt Lake City: Humanitarian Center, Clark Planetarium, Bingham Canyon Mine
Experience the joys of service, the wonders of space, and the largest open-pit mine in the world!
- Excursion 2 – Math Olympiad: Event similar to *Amazing Race* on USU campus
Teams will work together to complete physical/mental challenges, eat lunch, and watch a movie

Why should I try to understand and utilize more advanced mathematics?

The world is full of technology, money, and complex problems that require quantitative analysis. As such, understanding of math is an important qualification in the workforce. Also, whether you use it in your everyday life or not, learning mathematics trains your brain to think *creatively and logically* to solve problems.

Who is the instructor for this course and why is he qualified to help you learn the language of mathematics?

My name is Kenneth Bennion and I am excited to spend 4 weeks with you in beautiful Logan! I have taken an upper level math course each semester since enrolling at USU and have a wide range of teaching experience. Next spring I will graduate from USU and be certified to teach math and science in secondary schools.

I have been involved with the Global Academy for the past two years. I also volunteered for two years at a free English class program for immigrants in Toronto, Canada. These experiences have given me an appreciation for cross-cultural communication. I am fluent in five languages – English, Español, music, mathematics, and Português – and I want to learn sign language someday.

When I am not busy doing homework, I am probably playing jazz piano, listening to the news on the radio, serving families in my church community, or making a healthy dinner with my dear wife of two years.

